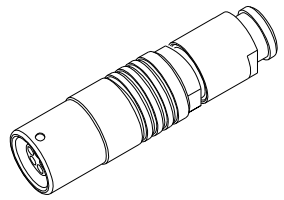
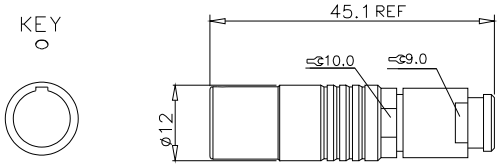
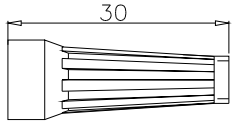
DESCRIPTION: 1B // QUIK-LOQ // F // CABLE MOUNT // SOLDER CUP







COLLET SIZE CHART	
COLLET SIZE:	CABLE DIAMETER:
40	3.30 ~ 4.20
50	4.30 ~ 5.20
60	5.30 ~ 6.20
70	6.30 ~ 7.20

821BYYY-273LYY1

SERIES
POSITIONS
YYY = SEE POSITION CHART
GENDER
2 = FEMALE
TYPE
7 = CABLE MOUNT
SHELL PLATING
3 = NICKEL/CHROME
COLLET SIZE*
40
50
60
70
*SEE "COLLET SIZE CHART"
CONTACT PLATING
1 = 7µ" GOLD PLATED

SPECIFICATIONS:

MATERIALS:

HOUSING:	BRASS, 196u" NICKEL PLATED MIN.
SHELL & COLLET NUT:	BRASS, 196u" CHROME PLATED MIN.
CONTACTS:	7u" GOLD PLATED BRASS OVER 196u" NICKEL MIN.
INSULATOR:	PPS (HIGH TEMPERATURE)
STRAIN RELIEF (BOOT):	THERMOPLASTIC POLYURETHANE

MECHANICAL:

MATING CYCLES:	5000 CYCLES
OPERATING TEMPERATURE:	-40°C TO +200°C
PROCESS TEMPERATURE:	260°C FOR 5 SECONDS
SHIELDING:	75dB @ 10MHz // 40dB @ 1GHz
IP RATING:	50
MAX TORQUE VALUE:	1.5 Nm

POSITION CHART // ELECTRICAL/WIRE SPECIFICATIONS
*solder side view of insulator

POSITIONS	CONTACTS*	CONTACT Ø	MAX CONTACT mΩ	WORKING VOLTAGE	MAX AMPERAGE	MAX WIRE AWG
002		1.30mm	5.0 mΩ	500 V	15.0 A	20
003		1.30mm	5.0 mΩ	430 V	12.0 A	20
004		0.90mm	6.0 mΩ	430 V	10.0 A	22
005		0.90mm	6.0 mΩ	415 V	9.0 A	22
006		0.70mm	7.5 mΩ	350 V	7.0 A	24
007		0.70mm	7.5 mΩ	315 V	7.0 A	24
008		0.70mm	7.5 mΩ	315 V	5.0 A	28
010		0.50mm	10.0 mΩ	300 V	2.5 A	28
014		0.50mm	10.0 mΩ	260 V	2.0 A	28

RoHS COMPLIANT

UNITS = mm

DO NOT SCALE FROM DRAWING

THESE DRAWINGS AND SPECIFICATIONS ARE THE PROPERTY OF NorComp AND SHALL NOT BE REPRODUCED, COPIED OR USED AS THE BASIS FOR THE MANUFACTURE OR SALE OF APPARATUS WITHOUT WRITTEN PERMISSION.

DRAWN: M. SIGMON

DATE: 02/03/2016

NorComp

SCALE: NTS

SHEET 1 OF 1

REV 10

DWG NO. 821BYYY-273LYY1